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This listing is subject to re-examination in one year.

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CSI: DIVISION: 10 00 00—SPECIALTIES
Section: 10 32 00—Fireplace Specialties

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Outdoor Gas Fireplaces

Listee: CF+D Custom Fireplace Design Inc.
5230 Harvester Rd. Unit #2
Burlington, Ontario, L7L 4X4 Canada
www.cfd-na.com

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012 and 2009 *International Fire Code*® (IFC)
2024, 2021, 2018, 2015, 2012 and 2009 *International Fuel Gas Code*® (IFGC)
2024, 2021, 2018, 2015, 2012 and 2009 *Uniform Mechanical Code*® (UMC)*
2020, 2015 and 2010 *Natural Gas and Propane Installation Code (CSA B149.1)* **

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Compliance with the following standards:

ANSI Z21.97/CSA 2.41-2017 Outdoor Decorative Gas Appliances

Identification:

Marking material shall be identified by class number and shall meet the following specifications. All metal marking materials shall be rustproof. All marking shall be suitable for application to surfaces upon which applied and shall demonstrate suitable legibility. The designation of any class of marking shall not preclude the use of marking of a lower number class.

Class I. Integral Marking

Marking that is embossed, cast, stamped or otherwise formed in the part. This includes markings baked into an enameled surface.

Class IIA-1. Permanent Plate

Shall be made of metal having a minimum thickness of 0.012 in (0.30 mm) and shall be securely attached by mechanical means.

Class IIA-2. Permanent Plate

Shall be made of metal having a thickness of 0.006 to 0.012 in (0.15 to 0.30 mm) and shall have mechanical attachment means at all corners with a maximum spacing of 6 in (152 mm) between mechanical fasteners.

Class IIA-3. Permanent Plate

Shall be made of metal having a thickness less than 0.006 in (0.15 mm) and shall be attached by means of non-water-soluble adhesive. These materials shall not be located on surfaces having temperatures exceeding 300°F.

Class IIA-4. Permanent Plate

Shall be made of pressure-sensitive metal foil requiring no solvent or activator and shall not be located on surfaces having temperatures exceeding 300°F (149°C).

Class IIIA-1. Permanent Label

Shall be made of material not adversely affected by water, shall be attached by means of non-water-soluble adhesive and shall not be located on surfaces having temperatures exceeding 300°F (149°C).

Class IIIA-2. Permanent Label

Shall be made of material not adversely affected by water, shall be attached by means of non-water-soluble adhesive and shall not be located on surfaces having temperatures exceeding 175°F (79.5°C).

Class IIIB. Waterproof Marking

Shall be printed directly on the part with waterproof marking not adversely affected by a temperature of 175°F (79.5°C) and shall not be used on surfaces having temperatures exceeding 175°F (79.5°C).

Class IIIC. Waterproof Label

Shall be made of material not soluble in water and may use water-soluble adhesive for attachment means.

Class IV. Semi-Permanent Plate or Label

Shall be made of material which may be soluble in water and may use water-soluble adhesive for attachment means.

Class V. Printed Marking

Marking shall be clear and prominent and may be applied directly by any printing means.

Class VI. Attached Tags

The appliance shall bear the following information on a Class III marking affixed to the principal (main) assembly of the appliance and shall be attached or printed in a location where it can be easily observed or is readily accessible for observation when the appliance is installed as it would be in service.

- a) The manufacturer or distributor's name and address.
- b) The manufacturer or distributor's model number of the appliance.
- c) A distinctive number which will identify an individual appliance.
- d) For appliances for fixed fuel piping system and equipped with an appliance gas pressure regulator, the normal manifold pressure in inches water column.
- e) For appliances for fixed fuel piping system and equipped with an appliance gas pressure regulator, the minimum permissible gas supply pressure for purpose of input adjustment.
- f) Type of gas for which equipped: "Natural" or "Propane."
- g) The statement "For Outdoor Use Only. If Stored Indoors, Detach and Leave Cylinder Outdoors."
The marking for an appliance for connection to a fixed fuel piping system need only display the first sentence of this statement.
- h) If the appliance utilizes any electrical equipment, the voltage, frequency (Hz) and total current input in amperes. If the total current input of all components is less than 12 amperes, the input marking may optionally be shown as "Less than _____* amperes."
(* This amperage rating shall be equal to or greater than the total input in amperes.)
- i) Identification of this requirement as follows:

"ANS Z21.97-(year), Outdoor Decorative Gas Appliances;"
"ANS Z21.97a-(year), Outdoor Decorative Gas Appliances;" or
"ANS Z21.97b-(year), Outdoor Decorative Gas Appliances".

Clearly defined and complete instructions for lighting and shutting down the appliance shall be provided on Class IIIA marking material. These instructions shall be located on or adjacent to the controlling device or in an equally conspicuous position, where they can be easily read. Lighting instructions shall specify a 5-minute complete shutoff period before the appliance is re-lighted.

Exception: Match lit appliances for use with a single disposable cylinder at an input of 12,000 Btu/hr (3,516 W) or less are exempt from this requirement.

Appliances shall bear a Class IIIA marking indicating all minimum clearances from combustible construction.

Appliances for installation only on or over noncombustible floors shall be marked "For Installation on (or over) Noncombustible Floors Only" on Class IIIA marking material.

A label of Class IIIC marking material shall, when practical, be affixed to the appliance in a conspicuous location by the manufacturer. When not practical, this label shall be supplied by the manufacturer with explicit instructions to affix the label in a conspicuous location adjacent to the appliance. This label shall include the following information:

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

Each appliance shall bear a plate of Class IIIA marking material, located so as to be easily read when the appliance is in a normally installed position, on which shall appear the following:

WARNING

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

If a cover is provided to protect the appliance burner when the appliance is not in use, or during storage of the appliance, the cover shall bear a permanent marking on Class IIIA marking material as follows:

"Cover must be removed when burner is in operation."

If wire other than that conforming to the temperature limitation of 63°F (35°C) rise has been specified for use on the appliance, the following statement shall also appear on all electrical diagrams: "If any of the original wire as supplied with the appliance must be replaced, it must be replaced with type wire of its equivalent." (The appropriate wire type is to be indicated in the blank space.)

Electrical diagrams shall conform to the *Standard for Electrical and Electronics Diagrams, ANSI Y14.15*. (See Appendix A, Pertinent References to ANSI Y14.15, for reference to pertinent provisions of ANSI Y14.15.) The wire color designations specified in ANSI Y14.15 are shown in Appendix B, Wire Color Designations. Unidentified graphical symbols used for electrical diagrams shall conform to the *Standard for Graphic Symbols for Electrical and Electronics Diagrams (Including Reference Designation Class Designation Letters), ANSI/IEEE Standard 315*.

Appliances for connection to a self-contained LP-gas supply system shall bear the following marking on a Class IIIA marking material:

CAUTION: The gas pressure regulator provided with this appliance must be used. This regulator is set for an outlet pressure of inches water column."

(The outlet pressure is specified by the manufacturer.

Appliances for connection to a self-contained LP-gas supply system shall bear the following applicable statement on Class IIIA marking material located so as to be easily read:

- a) For an appliance provided with a connection other than a CGA No. 600 Cylinder Connection Device:
"The gas supply must be turned off at the LP-gas supply cylinder when this appliance is not in use."
- b) For an appliance provided with a CGA No. 600 Cylinder Connection Device:

“The LP-gas supply cylinder must be disconnected when this appliance is not in use.”

Appliances for connection to a self-contained LP-gas supply system utilizing a CGA No. 600 Cylinder Connection Device shall bear a Class IIIA marking to the effect that only cylinders marked “propane” shall be used.

Appliances specifically designed for direct connection to the fuel supply cylinder shall bear a clearly legible Class IIIA marking stating, “Do not connect to a remote gas supply.”

CLEARANCE MARKING

Each appliance shall bear a marking on Class III marking material, located at the minimum clearances from spacers, standoffs, or surfaces to combustible construction for all appliance and vent surfaces. The marking for clearances shall indicate that the left and right sides are determined when facing the front of the appliance. For an appliance equipped with an external draft hood, the marking shall specify the minimum clearance in integral inches between the draft hood and the nearest combustible construction.

An appliance which requires clearances from any type of construction for serviceability or proper operation shall bear a marking on Class III marking material, located on the surface(s) requiring such clearance indicating the minimum distance required.

In addition, each appliance for installation recessed within combustible construction shall bear a Class V marking specifying the depth to which it may be recessed.

For an appliance with specified clearances from projections above the appliance, the marking shall indicate the minimum vertical clearance from the projection and the maximum horizontal extension of the projection over the appliance.

Installation:

Outdoor Gas fireplaces shall be installed in accordance with the manufacturer's instructions and applicable codes.

Model:

VITA and GRANDVIEW Fireplaces have been tested and proved to comply with ANSI Z21.97/CSA 2.41. Outdoor decorative gas appliances

VITA and GRANDVIEW Fireplaces may include the Enerflex Intelli System (Power Vent Exhaust System with ADC100/ADC 150 Control Board, PDS-1 Pressure Sensor, ADF/MFD Auto Damper & RS Exhaust), Heavy Gauge Single Wall Steel Vent Pipe and Connectors, Owens Corning SSL II with ASJ Max Fiberglass insulation Wrap in the Anchor assembly for cold weather applications, and optional decorative cover for rooftop component of the exhaust conduit.

VITA and GRANDVIEW Fireplaces may come with a HPC intermittent pilot ignition system (MVK-EIMC-2) Dexen H3V series pilot ignition system. The following models may come with power exhaust fan. The following models are available: Single-Sided, Double-Sided, Triple-Sided, See-Thru & Fully Open designs.

VITA fireplaces may come with one of the Gas burner systems for logs or glass media as listed below:

Manufacturer	Burner Series
RH Peterson co.	G22-GL / G31 / G45 / G46 / G52 / PB / GR47
Grand Canyon Gas Log	2BRN / 3BRN / KIVA
Hearth Products Control Co.	Penta

GRANDVIEW fireplaces may come with one of the Gas burner systems for logs or glass media as listed below:

Manufacturer	Burner Series
Woodbridge Fireplace Inc.	IFF series / FF series

Grand Canyon Gas Logs	2BRN / 3BRN / KIVA
RH Peterson co.	G22-GL / G31 / G45 / G46 / G52 / PB / GR47
Hearth Products Control Co.	Penta

VITA series

<u>Name and Model Number</u>	<u>Description</u>
Aidan	Fireplace with or without sealed/non-sealed glass door
Bella	Fireplace with or without sealed/non-sealed glass door
Callista	Fireplace with or without sealed/non-sealed glass door
Gioia	Fireplace with or without sealed/non-sealed glass door
Lucija	Fireplace with or without sealed/non-sealed glass door
Lance	Fireplace with or without sealed/non-sealed glass door
Maxim	Fireplace with or without sealed/non-sealed glass door
Monroe	Fireplace with or without sealed/non-sealed glass door
Mystique	Fireplace with or without sealed/non-sealed glass door
Nico	Fireplace with or without sealed/non-sealed glass door
Teia	Fireplace with or without sealed/non-sealed glass door

GRANDVIEW Series fireplaces

<u>Model Name</u>	<u>Model Description</u>
LINEAR	Fireplace with or without sealed or non-sealed Glass door.
TRADITONAL	Fireplace with or without sealed or non-sealed Glass door.

*Linear model represents fireplaces with opening height of less or equal to 24 inches.
 *Traditional model represents fireplaces with opening height of greater than 24 inches.

Conditions of Listing:

1. The fireplaces recognized in this listing must be installed in accordance with the manufacturer’s published installation instructions and the applicable codes.
2. The fireplaces recognized in this listing are manufactured are under a quality control program with annual surveillance inspections by ICC-ES.